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NPIC/TSSG/DED-1533-69

11 March 1969

MEMORANDUM FOR THE RECORD

SUBJECT: Dry Silver Debriefing

ATTENDEES:

[Redacted box]

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1. On 26-27 February 1969, [Redacted] were briefed on the [Redacted] development on Dry Silver materials by cognizant company personnel. This briefing at [Redacted] was set up to help determine a reasonable testing program for dry silver material by the National Bureau of Standards.

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2. On 28 February at 1500 hours, [Redacted] of ESD called a meeting for the debriefing of [Redacted] of NBS before [Redacted] of TSSG. [Redacted] could not attend. There was an initial question as to who should call the meeting.

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3. [Redacted] remarks concerning the dry silver program was as follows:

a. Dry silver material has acquisition potential since it is basically a silver halide process.

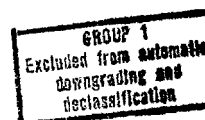
b. The present emulsions appear to be working but sensitometry problems due to the present coating capabilities would hinder a meaningful testing program.

c. Sensitometry, i.e., dynamic time and temperature relationships need more study and information--present techniques are more or less static.

d. There are present problems of heat sensitivity and low gamma processing.

e. [Redacted] made an off-the-cuff prediction that true quality controlled pilot plant production in quantities is probably two years away.

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f. He suggested that the [ ] themselves obtain more information concerning the general characteristics of Dry Silver materials vs. wet process silver halide. He suggested obtaining such information as the abrasion resistance of the plastic coated dry silver material vs. gelatin emulsion, etc.

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g. [ ] suggested the construction of a dynamic feed-back heat processing box for the qualitative study of dry silver heat processing and heat transfer.

h. [ ] suggested that the present T&M contract with NBS would probably cover the small amount of work on dry silver material for the next year or so and that no new large contract would be required at this time.

[ ]  
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(10 March 1969)

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